TOSHIBA

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DVD VIDEO PLAYER

SD-370EKB
SD-371EKF

OWNER'S MANUAL

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SAFETY PRECAUTIONS

WARNING: **TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY.**

CAUTION: This Digital Video Disc Player employs a Laser System.
To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location.

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure.
Visible and invisible laser radiation when open and interlocks defeated.
DO NOT STARE INTO BEAM.

CLASS 1
LASER PRODUCT

In the spaces provided below, record the Model and Serial No. located on the rear panel of your DVD video player.

Model No. _____ Serial No. _____

Retain this information for future reference.

The following information applies only to the model for U.K.

General Information

If the socket outlets in your home are not suitable for the plug supplied with this unit, the plug must be cut off and an appropriate one fitted.

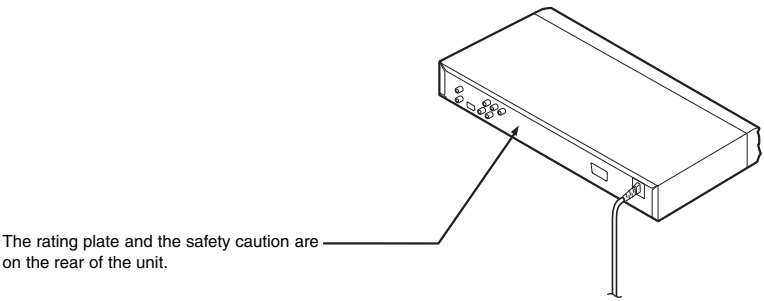
The plug severed from this mains lead must be destroyed as it is hazardous if inserted into a live socket.

IMPORTANT
The wires in this mains lead are coloured accordance with the following code:
BLUE: NEUTRAL
BROWN: LIVE
As the colours of the wires in the mains lead of this unit may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The wire that is coloured blue must be connected to the terminal in the plug which is marked with the letter N or coloured black.
The wire that is coloured brown must be connected to the terminal which is marked with the Letter L or coloured red.

Do not connect either wire to the earth terminal which is marked by the letter E or by the safety earth symbol ⏚ or coloured green or green-and-yellow.

Use a 5A BS1362 fuse which is approved by ASTA or BSI.
Always replace the fuse cover after changing the fuse.

Location of the required label



IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.

2. Keep these instructions.

3. Heed all warnings.

4. Follow all instructions.

5. Do not use this apparatus near water.

6. Clean only with dry cloth.

7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8. Do not restrict the air flow of the unit by placing it in a place with poor air flow, by covering it with a cloth, or by placing it on carpeting.

9. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Only use attachments/accessories specified by the manufacturer.

12. Unplug this apparatus during lightning storms or when unused for long periods of time.

13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

IMPORTANT SAFETY INSTRUCTIONS

ADDITIONAL SAFETY INSTRUCTIONS

14. When you use headphones, keep the volume at a moderate level. If you use the headphones continuously with high volume sound, it may cause hearing damage.

15. Do not overload wall outlets; extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

16. Keep your fingers well clear of the disc tray as it is closing. Neglecting to do so may cause serious personal injury.

17. Do not place a heavy object on or step on the apparatus. The object may fall, causing serious personal injury and serious damage to the apparatus.

18. Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and apparatus malfunction.

19. Be sure to use the unit near the wall outlet. If a malfunction occurs, disconnect the plug from the wall outlet at once.

20. The mains plug is used as the disconnect device, the disconnect device shall remain readily operable at any time.

SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. So, please read the points below for your own safety. They are of a general nature, intended to help you with all your electronic consumer products and some points may not apply to the goods you have just purchased.

****

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter- connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions.
Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with glass panels or doors on equipment

****

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment.

DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DON'T use makeshift stands and NEVER fix legs with wood screws - to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.

DON'T listen to headphones at high volume, as such use can permanently damage your hearing.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a stand-by mode. Switch off using the switch on the equipment and make sure that your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way -switch off, withdraw the mains plug and consult your dealer.

ABOVE ALL

—NEVER let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electrical shock;

—NEVER guess or take chances with electrical equipment of any kind
—it is better to be safe than sorry!

****

Precautions

Notes on handling

- When shipping the DVD video player, the original shipping carton and packing materials come in handy. For maximum protection, repack the unit as it was originally packed at the factory. Take care not to give it a shock or shake when carrying.
- Do not use volatile liquids, such as insect spray, near the DVD video player. Do not leave rubber or plastic products in contact with the DVD video player for a long time. They will leave marks on the finish.
- The top and rear panels of the DVD video player may become warm after a long period of use. This is not a malfunction.
- When the DVD video player is not in use, be sure to remove the disc and turn off the power.
- If you do not use the DVD video player for a long period, the unit may not function properly in the future. Turn on and use the DVD video player occasionally.

Notes on locating

- Place the DVD video player on a level surface. Do not use it on a shaky or unstable surface such as a wobbling table or inclined stand. The loaded disc may come off the proper position and cause damage to the DVD video player.
- When you place this DVD video player near a TV, radio, or VCR, the playback picture may become poor and the sound may be distorted. In this case, place the DVD video player away from the TV, radio, or VCR.

Notes on cleaning

Use a soft, dry cloth for cleaning.

- For stubborn dirt, soak the cloth in a weak detergent solution, wring well and wipe. Use a dry cloth to wipe it dry.
  Do not use any type of solvent, such as thinners and benzene, as they may damage the surface of the DVD video player.
- If you use a chemical saturated cloth to clean the unit, follow that product's instructions.

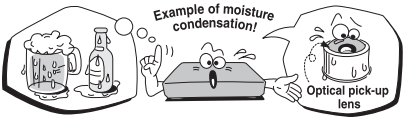
Inspection and Maintenance

This DVD video player is a high technology, precision device. If the optical pick-up lens and disc drive parts become dirty or worn down, the picture quality may be reduced. To avoid reduction in picture quality, it is recommended that regular inspection and maintenance (cleaning or parts replacement) be performed every 1,000 hours of use. For further details, contact your nearest consumer electronics dealer.

Notes on moisture condensation

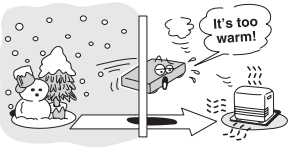
Moisture condensation damages the DVD video player. Please read the following carefully.

Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the optical pick-up lens inside this unit, one of the most crucial internal parts of the DVD video player.



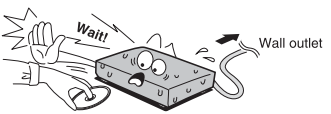
- Moisture condensation occurs during the following cases.

- When you bring the DVD video player directly from a cold place to a warm place.
- When you use the DVD video player in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
- In summer, when you use the DVD video player in a hot and humid place just after you move the unit from an air conditioned room.
- When you use the DVD video player in a humid place.



- Do not use the DVD video player when moisture condensation may occur.

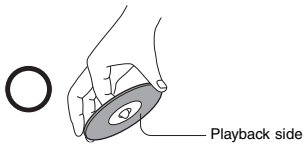
  If you use the DVD video player in such a situation, it may damage discs and internal parts. Remove the disc, connect the power cord of the DVD video player to the wall outlet, turn on the DVD video player, and leave it for two or three hours. After two or three hours, the DVD video player will have warmed up and evaporated any moisture. Keep the DVD video player connected to the wall outlet and moisture condensation will seldom occur.



Notes on Discs

On handling discs

● Do not touch the playback side of the disc.



● Do not attach paper or tape to discs.

On cleaning discs

● Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the center outwards with a soft cloth. Always keep the disc clean.

● If you cannot wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
● Do not use any type of solvent such as thinner, benzine, commercially available cleaners or antistatic spray for vinyl LPs. It may damage the disc.

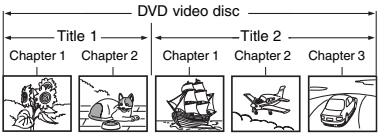
On storing discs

● Do not store discs in a place subject to direct sunlight or near heat sources.
● Do not store discs in places subject to moisture and dust such as a bathroom or near a humidifier.
● Store discs vertically in a case. Stacking or placing objects on discs outside of their case may cause warping.

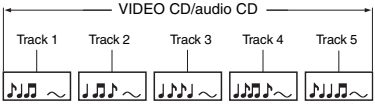
Structure of disc contents

Normally, DVD video discs are divided into titles, and the titles are sub-divided into chapters. VIDEO CDs and audio CDs are divided into tracks.

DVD video disc



VIDEO CD/audio CD



Each title, chapter or track is assigned a number, which is called “title number”, “chapter number” or “track number” respectively.
There may be discs that do not have these numbers.

Notes on copyright

The unauthorized recording, use, distribution, or revision of copyrighted materials including, without limitation, television programs, videotapes, and DVDs, is prohibited under the Copyright Laws of the United States and other countries, and may subject you to civil and criminal liability.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Notes on Discs (continued)

About this owner's manual

This owner's manual explains the basic instructions of this DVD video player. Some DVD video discs are produced in a manner that allows specific or limited operation during playback. As such, the DVD video player may not respond to all operating commands. This is not a defect in the DVD video player. Refer to instruction notes of discs.

" ⃠ " may appear on the TV screen during operation. A " ⃠ " means that the operation is not permitted by the DVD video player or the disc.

About (DVD) (VCD) (CD)

The (DVD) (VCD) (CD) icons on the heading bar show the playable discs for the function described under that heading.

(DVD) : You can use this function with DVD video discs.
(VCD) : You can use this function with Video CDs.
(CD) : You can use this function with Audio CDs/CD-R/RW CDs.

Notes on region numbers

The region number of this DVD video player is 2.If region numbers, which stand for their playable area, are printed on your DVD video disc and you do not find 🌐 or 🌐, disc playback will not be allowed by the player. (In this case, the DVD video) player will display a message on-screen.)
Some DVDs that have no region code label may still be subject to area restrictions and therefore not playable.

On VIDEO CDs

This DVD video player supports VIDEO CDs equipped with the PBC (Version 2.0) function. (PBC is the abbreviation of Playback Control.)
You can enjoy two playback variations depending on types of discs.

- VIDEO CD not equipped with PBC function (Ver 1.1). Sound and movie can be played on this DVD video player in the same way as an audio CD.
- VIDEO CD equipped with PBC function (Ver 2.0). In addition to operation of a VIDEO CD not equipped with the PBC function, you can enjoy playback of interactive software with search function by using the menu displayed on the TV screen (Menu Playback). Some of the functions described in this owner's manual may not work with some discs.

Playable discs

This DVD video player can play the following discs.

	Disc Mark	Contents	Disc Size	Maximum playback time
DVD video discs	DVD VIDEO	Audio + video (moving pictures)	12 cm	Approx. 4 hours (single sided disc)
				Approx. 8 hours (double sided disc)
			8 cm	Approx. 80 minutes (single sided disc)
				Approx. 160 minutes (double sided disc)
VIDEO CDs	COMPACT disc DIGITAL VIDEO	Audio + video (moving pictures)	12 cm	Approx. 74 minutes
			8 cm	Approx. 20 minutes
Audio CDs	COMPACT disc DIGITAL AUDIO	Audio	12 cm	Approx. 74 minutes
			8 cm (CD single)	Approx. 20 minutes
DivX®	DivX®	Audio + video (moving pictures)	12 cm	It depends on DivX® quality
			8 cm	

The following discs are also available.
- DVD-R/RW, DVD+R/RW, DVD±R DL and DVD-ROM discs of DVD video format. DVD ROM disc not support DAT format.
- CD-R/CD-RW discs of CD-DA, Video CD, SVCD, MP3, DivX® or JPEG format.

Some of these discs may be incompatible.

- You cannot play discs other than those listed above.
- You cannot play DVD-RAM discs or non-standardized discs, etc., even if they may be labeled as above.
- This DVD video player uses the NTSC/PAL colour system, and cannot play DVD video discs recorded in any other colour system (SECAM, etc.).

Because of problems and errors that can occur during the creation of DVD and CD software and/or the manufacture of DVD and CD discs, Toshiba cannot assure that this DVD video player will successfully play every disc bearing the DVD and CD logos. As one of the creators of DVD technology, Toshiba DVD players are manufactured using the highest standards of quality, and as a result, such incompatibilities are rare.

DVD is a trademark of DVD Format/Logo Licensing Corporation.

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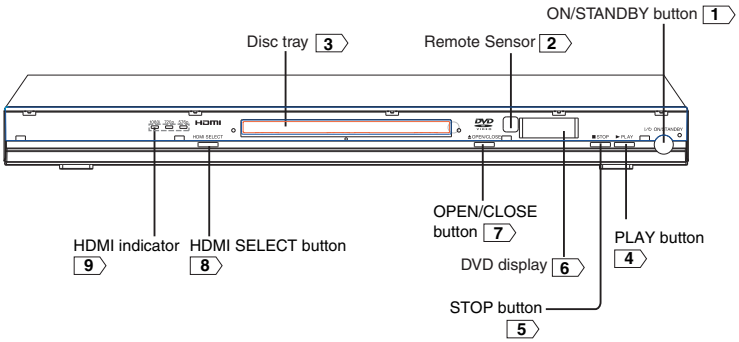
Identification of Controls

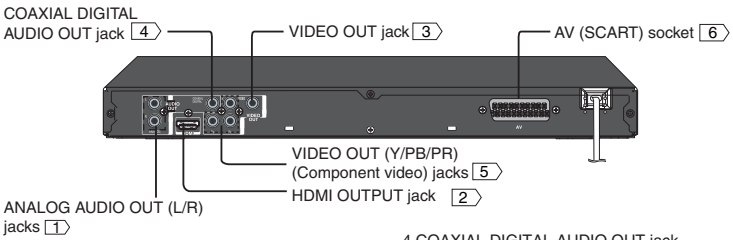
See the NO. in ▭ for details.

Front panel



1. I/⏻ ON/STANDBY button
   Press to toggle the player between ON and OFF.
2. Remote Sensor
   Point the remote control here to operate the player.
3. Disc tray
   When loading a disc, place the disc in the disc tray with the label side facing up.
4. ▶ PLAY button
   Press to play the disc.
5. ■ STOP button
   During DVD playback, press once to stop playback. The unit records the stopped point, depending on the disc. Press PLAY button to resume playback from the stopped point. If you press this button again, the unit will clear the stopped point causes the disc to return to the beginning of the disc if playback starts again.
6. DVD display
   Display current disc information.
7. ⏏ OPEN/CLOSE button
   Press to open and close the disc tray.
8. HDMI SELECT button
   Press to receive a suitable video quality during stop mode.
9. HDMI indicator
   576p,720p and 1080i indicate the resolution of the picture, see page 24 .

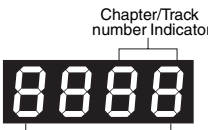
Rear panel


COAXIAL DIGITAL AUDIO OUT jack 4
VIDEO OUT jack 3
AV (SCART) socket 6
VIDEO OUT (Y/PB/PR) (Component video) jacks 5
HDMI OUTPUT jack 2
ANALOG AUDIO OUT (L/R) jacks 1

1. ANALOG AUDIO OUT (L/R) jacks
   Use Audio/Video cable supplied to connect to TV or monitor with audio/video inputs.
2. HDMI OUTPUT jack
   Connect to a HDMI compatible port of a television or other display equipment.
3. VIDEO OUT jack
   Connect the video output to TV or monitor with audio /video inputs capability.
4. COAXIAL DIGITAL AUDIO OUT jack
   Use to output digital audio recorded on discs by connecting to the coaxial digital audio input on an AV amplifier or receiver with digital audio input capability, but first you need to change the setting to digital audio output on the SETUP MENU.
5. VIDEO OUT (Y/PB/PR)(Component video) jacks
   If your TV or monitor or other similar devices has component video inputs, you can produce a higher quality picture on it by connecting its component video cable to the Y/PB/PR jack on this unit.
6. AV (SCART) socket
   Connect to the scart socket on your TV.

DVD display

The indicators vary depending on the kinds of discs you play.



No disc

Bad disc

DVD video disc

- During playback: Example

Some discs may only display chaper numbers.

VIDEO CD

- During playback: Example

Some discs may only display track numbers.

Audio CD

- During playback: Example

Some discs may only display track numbers.

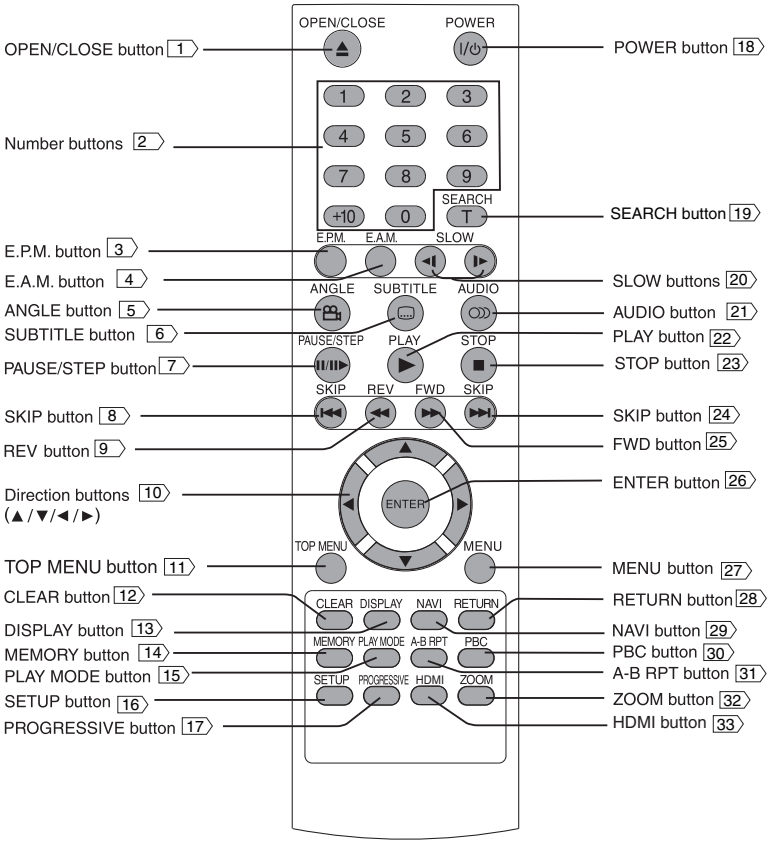
OPEN

LOAD/CLOSE

Identification of Controls (continued)

The instructions in this manual describe the functions on the remote control.

Remote control



Identification of Controls (continued)

The instructions in this manual describe the functions on the remote control. Please see below:

1 OPEN/CLOSE button

Press to OPEN/CLOSE the disc tray.

2 Number buttons

Press number buttons to play relevant chapter/track.

3 E.P.M. button

Use to select the picture enhancement.

Select the picture enhancement by pressing ▲/▼, then press ◄/►to make your selections.
To exit the picture enhancement selection, press E.P.M. again.

4 E.A.M. button

Use to toggle the sound enhancement on or off when DVD discs is Dolby Digital 5.1Ch and "Digital Output" is PCM or Off.

5 ANGLE button

While playing a scene recorded with multiple angles, press the ANGLE button.

e.g.

Number changes to show the number of the current angle. (The maximum number of possible angles is 9.)
ANGLE button is also use to change the picture transition mode of JPEG playback.
Press ANGLE button during JPEG playback will change the picture transition mode as follows:
Wipe Down
Wipe Up
Center In
Center Out
Blind Down
Blind Up
Random
None
During slide show playback and when loading is in progress, ANGLE button is not allowed to operate. The prohibited sign " ⃠ Not allowed at the moment " will be displayed on the TV screen.

6 SUBTITLE button

For DVD discs, press this button to change the language of the subtitle.
To turn off the subtitle, press SUBTITLE several times until "Off " appears on the screen.

Notes

- The numbers of languages vary with the DVD discs.
- When you select a subtitle language which is not included on the disc, the DVD video player plays a prior language programmed on the disc.
- During some scenes, the subtiltes may not appear immediately after you change the subtitle language.

7 PAUSE/STEP button

Press PAUSE/STEP to freeze playback.
During still playbacks, each time you press the PAUSE/STEP button, the picture advances one frame. ❚❚Pause → ❚❚► Step

8 SKIP ⏮ button

Press SKIP ⏮ once within 5 seconds of playback to skip to the previous chapter/track. If you press the button after 5 seconds, it will start playback from the beginning of the current chapter/track.

9 REV ◄◄ button

Press to change the fast reverse playback speed.

◄◄X2 → ◄◄X8 → ◄◄X30 → ◄◄X100

10 Direction buttons

Use UP/DOWN/RIGHT/LEFT to select a function in the setup menu.
During JPEG playback, press the ► repeatedly to rotate the image clockwise by 90,180 or 270 degree. Press the ◄repeatedly to rotate the image counter clockwise by 270, 180 or 90 degree. When in Zoom mode, this function does not work.

11 TOP MENU button

Display the title menu on DVD Disc.
If you display the top menu during playback and press the TOP MENU button again without selecting any title, the DVD video player may resume playback from the point where you first pressed the TOP MENU button(depending on the actual DVD video disc.).
When playing JPEG, if you press TOP MENU in full-screen review, the DVD video player will display a menu of 9 thumbnail images.

12 CLEAR button

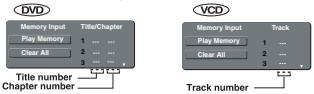
Use CLEAR to delete the scheduled program or to cancel input data in the setting mode.

13 DISPLAY button

Bring up the on-screen display showing the information of the current playing status.

14 MEMORY button

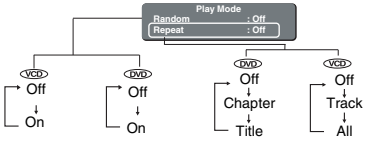
Press this button, the OSD will show as below:



You can use the cursor button(◄/►/▲/ ▼) and number buttons to input your desired title/chapter /track. You can program up to 12 selections into the memory (Memory playback). When you have finished programming, you can move the cursor to the Play Memory, then press the ENTER button to start the playback. The programmed selections will be cleared when you open the disc tray or turn the power off.

Identification of Controls (continued)

15 PLAY MODE button
Press PLAY MODE button to select desired features using ▲/▼ and then press ENTER button to toggle desired mode.



Chapter: Repeats the current chapter.
Title: Repeats all chapters within the current title.
Track: Repeats the current track.
All: Repeats the entire disc.
Off: Resumes normal playback.

16 SETUP button
Access the on-screen Setup menu for settings adjustment.

17 PROGRESSIVE button
Press to change the output signal for better picture quality during stop mode. (See page 23.)

18 POWER button
Turn the unit on or set the unit to Standby mode.

19 SEARCH button
You may press SEARCH and then press ▲/▼to select Title search / Chapter or Track search and Time search. When you select a chapter/track number greater than "10", press number "1" plus any single number. Then press ENTER. For example, if you want to select chapter/track 12, just press the number button "1" and "2". The chapter /track number "12" will appear on the Search menu screen. Then press ENTER. But if you want to select chapter/track number 10, press +10 and then ENTER. If you input a wrong number, press CLEAR button.

Press SEARCH twice, the display of Bookmark appears, then press ENTER to mark the desired scene. Press SEARCH again to turn off this display.

Notes
- For VCD, Track and Disc Time search are not possible if the PBC mode is on.
- The marking is cancelled when you open the disc tray or turn the power off.

20 SLOW buttons
Reverse/Forward slow playback. Press this button to toggle among the following modes:

◄I 1/2 → ◄I 1/4 → ◄I 1/8
I► 1/2 → I► 1/4 → I► 1/8

Note
Reverse slow playback is not applicable to DivX® file.

21 AUDIO button
For DVD discs, press this button to toggle between different audio modes. The selected audio mode will be displayed on the screen. The abbreviation of the language will appear instead of the language name. Refer to the list of languages and their abbreviations on page 35. For stereo discs, press to switch the audio channel output. For bilingual edition VCD discs, press the AUDIO button to select your audio channel (Left,Right,Mix or Stereo).

22 PLAY button
Press to Start playback.

23 STOP button
Press once to stop playback and hold the last position in memory. Playback can be resumed where it was left off by pressing PLAY. Press twice to clear the last playback position.

24 SKIP ▶▶I button
Advanced to the next chapter/track on DVD and other discs.

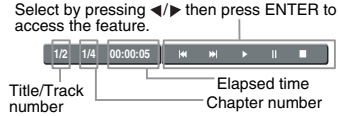
25 FWD ▶▶button
Press to change the fast forward playback speed.
►►X2 → ►►X8 → ►►X30 → ►►X100

26 ENTER button
Selects options in menus. Plays a disc, chapter or track with some discs. For other discs, press PLAY.

27 MENU button
Display the menu of DVD disc.

28 RETURN button
When navigating disc menus, press to return to the previous menu accessed.

29 NAVI button
Press to display and access features and Settings.
Select by pressing ◄/► then press ENTER to access the feature.



30 PBC button
Press to toggle between PBC On and PBC Off. (Only applicable to VCD2.0/SVCD discs)

31 A-B REPEAT button
Set the beginning and end points of a section to repeat.

Notes
- Some discs may not permit A-B repeat operation.
- There may me a slight difference between point and the location where playback actually resumes depending on the disc.

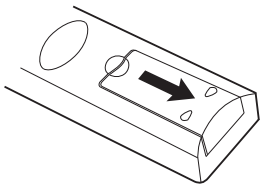
32 ZOOM button
Press this button to zoom in the current picture. There are three zooming modes. Press cursor buttons (▲/▼/◄/►) to view a different part of the zoom in image. You may move the image from the centre position to UP, DOWN, LEFT, RIGHT direction. To resume normal playback, press ZOOM button repeatedly until the " Off " is displayed.

Notes
- The magnification level varies depending on the picture size you select.
- Some discs may not respond to ZOOM feature.

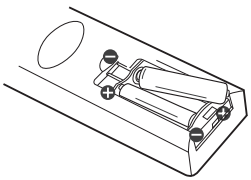
33 HDMI button
Press to switch the video quality. See pages 24-25.

Loading batteries

1 **Open the cover.**



2 **Insert batteries (AAA size).**



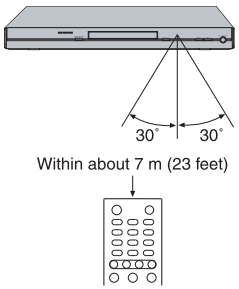
Make sure to match the + and - on the batteries to the marks inside the battery compartment.

Caution:
Never throw batteries into a fire.

Notes
- Be sure to use AAA size batteries.
- Dispose of batteries in a designated disposal area.
- Batteries should always be disposed of with the environment in mind.
  Always dispose of batteries in accordance with applicable laws and regulations.
- If the remote control does not operate correctly, or if the operating range becomes reduced, replace batteries with new ones.
- When necessary to replace batteries in the remote control, always replace both batteries with new ones. Never mix battery types or use new and used batteries in combination.
- Always remove batteries from remote control if they are dead or if the remote control is not to be used for an extended period of time. This will prevent battery acid from leaking into the battery compartment.

Operating with the remote control

Point the remote control at the remote sensor and press the buttons.



Distance: About 7 m (23 feet) from the front of the remote sensor.
Angle: About 30° in each direction of the front of the remote sensor.

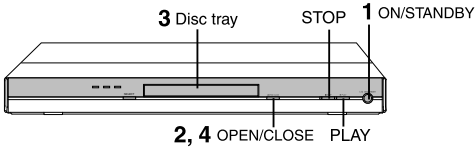
* Do not expose the remote sensor of the DVD video player to a strong light source such as direct sunlight or other illumination. If you do so, you may not be able to operate the DVD video player via the remote control.

Notes on the remote control
- Direct the remote control at the remote sensor of the DVD video player.
- When using the remote control, press the buttons at intervals of about 1 second to ensure the correct mode of operation.
- Do not drop or give the remote control a shock.
- Do not leave the remote control near an extremely hot or humid place.
- Do not spill water or put anything wet on the remote control.
- Do not open the remote control.

Playing a Disc

This section shows you the basics on how to play a disc.

CAUTION
Keep your fingers well clear of the disc tray as it is closing. Neglecting to do so may cause serious personal injury.



DVD VCD CD Basic playback

Preparations
- When you want to view a disc, turn on the TV and select the video input connected to the DVD video player.
- When you want to enjoy the sound of discs from the audio system, turn on the audio system and select the input connected to the DVD video player.

1 **Press the ON/STANDBY button.**

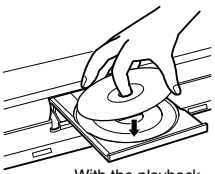
POWER The DVD video player turns on.

2 **Press OPEN/CLOSE.**

OPEN/CLOSE

The disc tray opens.

3 **Place the disc on the disc tray.**



With the playback side down

- There are two different disc sizes. Place the disc in the correct guide on the disc tray. If the disc is out of the guide, it may damage the disc and cause the DVD video player to malfunction.
- Do not place a disc which is unplayable in this DVD video player.

4 **Press OPEN/CLOSE to close the disc tray.**

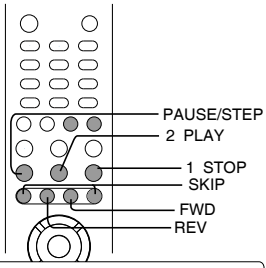
OPEN/CLOSE Playback starts.

If you insert a DVD video disc that contains a top menu, a menu may appear. Use the ▲/▼ / ◄/► to select the title you want to view, then press ENTER to start playback.
- You may need to press the TOP MENU or MENU button to display disc menu (depending on the actual DVD video disc.)

Notes
- If the disc tray is holding a disc you have already played, playback will begin from the location where you last stopped. For resuming playback, see page 19.
- Some video CD are recorded with PBC (Playback Control), a menu with recorded contents may appear on the TV if you have turned the PBC On. You can make your selection according to its PBC menu. Press the PBC button on the remote control to turn PBC On or Off anytime during Video CD playback. When switching from PBC Off to PBC On mode, playback will start from the beginning of the disc.

■ **To start playback in the stop mode**
Press **PLAY.**

PLAY



DVD VCD CD Resuming playback from the same location

1 Press STOP at the location where you want to interrupt playback.

STOP ■ The DVD video player memorizes the location where playback is stopped.

2 Press PLAY.

PLAY ▶ The DVD video player resumes playback from the location where you stopped playback.

Notes

- Resuming cannot function when:
  - –you play a PBC-featured VIDEO CD while PBC is On.
  - –you open the disc tray.
  - –you disconnect the power plug of the DVD video player.
- There may be a difference in the location where playback resumes depending on the disc.
- Settings you changed using the on-screen displays while the DVD video player keeps a location in the memory may function only after the memory is cleared.

■ To start playback from the beginning regardless of the location where you stopped playback

1 Press STOP twice.

STOP ■ The DVD video player deletes the memory of the location.

2 Press PLAY.

PLAY ▶
- DVD Playback starts from the beginning of the current title.
- VCD Playback starts from the beginning of the disc.
- CD Playback starts from the beginning of the current track.

- If you want to return to the beginning of a DVD video disc, open and close the disc tray once with the OPEN/CLOSE button before pressing the PLAY button.

DVD VCD CD Locating a specific chapter or track

Press SKIP ▶▶| or |◀◀ repeatedly to access the chapter or track number you want.
Playback starts from the selected chapter or track.

SKIP ▶▶| To locate succeeding chapters or tracks by pressing the button once.

SKIP |◀◀ To locate previous chapter or track by pressing the button once within 5 seconds after playback.
If you press the button once after 5 seconds, it will start playback from the beginning of the current chapter or track.

Note

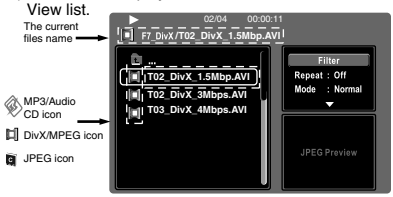
Some titles may not display chapter numbers.

Playing MP3/Audio CD/JPEG/DivX®Files

■ Play modes for MP3/Audio CD/JPEG/DivX®

When you play MP3/Audio CD/JPEG/DivX®, users are able to modify the Play modes through the Toolkit which appears on the right of below picture on the screen. Press ◄ /► button to navigate between the windows and ▲/▼ button to select files/tracks or play mode items. Then press ENTER button. Please refer to below steps to playback files/tracks in the Memory View list:

1) Select Edit Mode in the Toolkit then press ENTER button to start Edit Mode.
2) Select a file/track or more files/tracks you want in the Original View list.
3) Select Add To Memory in the Toolkit then press ENTER. "✓" will disappear from the screen. It means that the files/tracks you have selected already added into the Memory View list.
4) Select Memory View in the Toolkit then press ENTER to open the files/tracks in the Memory View list that you already selected in step 2.
5) Press PLAY to playback all files/tracks in the Memory View list.



The Toolkit has the following play mode items:

- **Filter (Audio/Photo/Video):** Sets file filters.
- **Repeat (Off/Track/All):**

Off : Resumes normal playback.
Track : Repeats the current track/file.
All : Repeats all files on the current folder or all tracks on the disc.

- **Mode (Normal/Shuffle/Random/Intro):**

Normal: Resumes normal playback.
Shuffle: Playbacks track/file in random order.
Random: Playbacks track/file in random order, and will repeat playback the same track/file more than one time.
Intro: Only playbacks the first 10 seconds of all the files on the current folder or all tracks on the disc.

- **Edit Mode:** Memory operation works only when Edit Mode is selected.
- **Memory View:** To view tracks/files in the Memory View list. It is disabled when the Memory View list is empty.
- **Add To Memory:** Add files/tracks to the Memory View list. It is disabled if the Edit Mode is not selected. (Only 10 files/tracks can be selected each time to add to memory. The maximum number of files/tracks can be added is 30.)
- **Browser View :** To view files/tracks in the Original View list.
- **Clear:** Delete the files/tracks in the Memory View list. Select a file/track or more you want to delete in stop mode. "✓" will appear beside the deleted file/track. Select Clear and then press ENTER. It is disabled if the Edit mode is not selected.

Notes

- When you finish storing the files/tracks you want into the program list, select "Edit Mode" again and press ENTER to release edit mode.
- For DivX® and JPEG files, Intro mode is not applicable.
- Filter is not applicable to Audio CD.

■ Playable files

MP3 disc compatibility with this player is limited as follows:

- Playable discs: CD-R (650MB / 74 min. only) CD-RW maybe not recommendable.
- Sampling Frequency: 44.1 kHz only
- Bit rate: MP3: 32 kbps - 320 kbps (CBR*)
- CD physical format: Mode 1, Mode 2 XA Form 1
- File system: ISO9660 Level 1, 2 or Joliet
- File name: A file name should be in alphabet and numerals only, and must incorporate "MP3" extension. e.g."*********.MP3"
- Total number of folders: Less than 256
- Total number of files: Less than 1000

* CBR = Constant Bit Rate

This DVD player requires discs/recordings to meet certain technical standards in order to achieve optimal playback quality. There are many different types of recordable disc formats (including CD-R containing MP3 files). Not all recordable discs will operate or produce optimal playback quality. The technical criteria set forth in this owner's manual are meant only as a guide. Use of CD-RW for MP3 files is not recommended.

You must obtain any required permission from copyright owners to download or use copyrighted content. Toshiba cannot and does not grant such permission.

Notes

- When the MP3 file is out of the above specifications, the song may skip or mute with counter moving.
- During MP3 and DivX® playback, press SEARCH button to search "Track Time".

■ JPEG files compatibility

Discs whose compatibility with this DVD video player has been confirmed by TOSHIBA are as follows. Many of these discs, when loaded, will make the DVD video player enter the automatic mode to play a prescribed folder in the disc. To play other folders, display a folder list and select a folder.

CANON QuickCD FUJICOLOR CD Kodak Picture CD NORITSU QSS CD

JPEG disc compatibility with this DVD video player is limited as follows:

• Playable discs:	CD-R (650MB / 74 min. only) CD-RW maybe not recommendable.
• CD physical format:	Mode 1, Mode 2 XA Form 1
• File system:	ISO9660 Level 1, 2 or Joliet
• File name:	A file name should be in alphabet and numerals only, and must incorporate “JPG” extension. e.g.“********.JPG” (Do not name the file with “JPE” or “JPEG” extension.)
• Total number of folders:	Less than 256
• Total number of files:	Less than 1000

Depending on the file size, some files may not display the entire image.
Some discs may not permit this operation. Especially, the following conditions of included files will increase the disc's disability.
1. Pixels over 3072 x 2048 in height and/or width
2. File format except Exif

■ DivX® Playable files

DivX® disc compatibility with this player is limited as follows:

• Playable discs:	CD-R (650MB / 74 min. only) CD-RW maybe not recommendable.
• Audio format:	CBR MP3, VBR MP3, DivX®AC3
• Enhance video:	GMC, Qpel, Progressive B-frames
• Frame rate:	8 to 25 fps
• CD physical format:	Mode 1, Mode 2 X A Form 1
• File system:	ISO9660 Level 1, 2 or Joliet
• File name:	A file name should be in alphabet and numerals only, and must incorporate “AVI” extension. e.g. “ *******.AVI ”
• Total number of folders:	Less than 256
• Total number of files:	Less than 1000

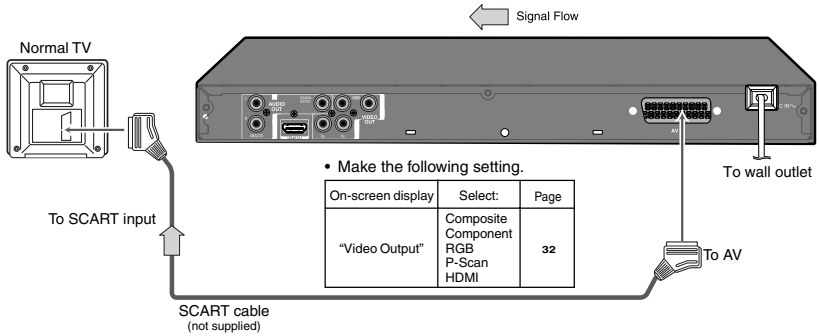
DivX, DivX Certified, and associated logos are trademarks of DivX, Inc. and are used under license.

Notes
- It is recommended to record same kind of files in a CD-R.
- Some DivX® Video-On-Demand files may require registration code of your DVD Video player, you may get the code in Default Setting. (Page 34)

Connecting to a TV

Connect the DVD video player to your TV.

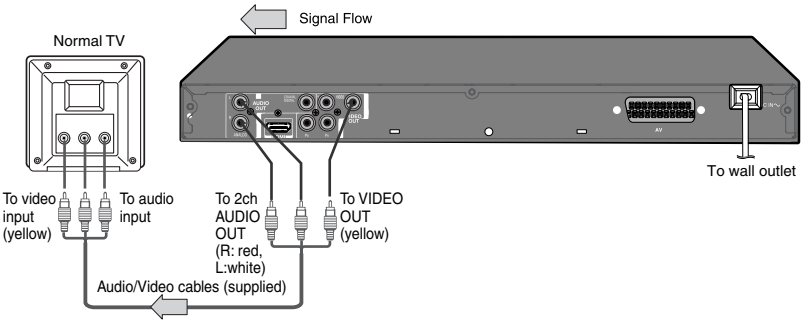
Connecting to a TV (Using the SCART socket)



• Make the following setting.

On-screen display	Select:	Page
"Video Output"	Composite Component RGB P-Scan HDMI	32

Connecting to a TV (Using the phono type jacks)



Notes

- Refer to the owner's manual of the connected TV as well.
- When you connect the DVD video player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- If your television set has one audio input, connect the left and right audio outputs of the DVD video player to a Y cable adapter (not supplied) and then connect to your TV.
- Connect the DVD video player directly to your TV. If you connect the DVD video player to a VCR, TV/VCR combination or video selector, the playback picture may be distorted as DVD video discs are copy protected.
- Analogue audio out will not have sound if DTS playback is selected.

• Make the following setting.

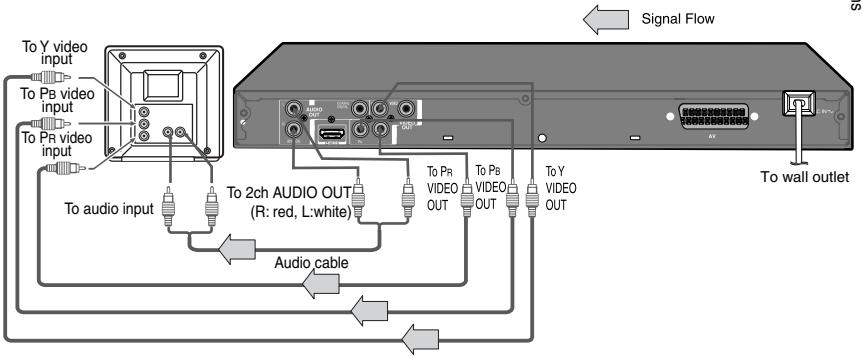
On-screen display	Select:	Page
"Digital Output"	"PCM" or "Bitstream"	33
"Video Output"	Composite Component RGB P-Scan HDMI	32

Interlaced outputs
Some TVs or monitors are equipped with component video inputs. Connecting to these inputs allows you to enjoy higher quality picture playback.
Actual labels for component video inputs may vary depending on the TV manufacturer. (ex. Y, R-Y, B-Y or Y, C_B, C_R)
In some TVs or monitors, the color levels of the playback picture may be reduced slightly or the tint may change. In such a case, adjust the TV or monitor for optimum performance.

Progressive outputs
Some TVs or monitors are equipped with component video inputs that are capable of reproducing a progressively scanned video signal. Connecting to these inputs allows you to view the highest quality pictures with less flicker.

Consumers should note that not all high definition television sets are fully compatible with this product and may cause artifacts to be displayed in the picture. In case of 525 or 625 progressive scan picture problems, it is recommended that the user switch the connection to the "standard definition" output. If there are questions regarding our TV set compatibility with this model 525p or 625p DVD player, please contact our Customer Service Center.

Connecting to a TV (Using the component video jacks)



■ **Switching the output signal (interlaced / progressive) using the remote control**
You can temporarily switch the output signal for better picture quality.
Press **PROGRESSIVE** on the remote control during stop mode.
Press **PROGRESSIVE** repeatedly to turn off progressive mode.
If your TV does not support the progressive scan format, the picture will appear scrambled or blank. To return to normal picture, press **PROGRESSIVE** button repeatedly to turn off progressive mode.

• Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM" or "Bitstream"	**33**
"Video Output"	Component *P-Scan (Progressive) HDMI	**32**

* Only for TV equipped with component video input jacks which support the progressive scan.

Notes
- Refer to the owner's manual of the connected equipment as well.
- When you connect the DVD video player to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
- If you place the DVD video player near a tuner or radio, the radio broadcast sound might be distorted. In this case, place the DVD video player away from the tuner and radio.
- The output sound of the DVD video player has a wide dynamic range. Be sure to adjust the receiver's volume to a moderate listening level. Otherwise, high volume sound may damage your hearing as well as the speakers.
- Turn off the amplifier before you connect or disconnect the DVD video player's power cord. If you leave the amplifier power on the speakers may be damaged.
- When the TV system is set to NTSC mode, all output will be forced to NTSC type (eg. 525p (480p), 525i (480i), etc.)
- When the TV system is set to PAL mode, all output will be forced to PAL type (eg. 625p (576p), 625i (576i), etc.)
- Analogue audio out will not have sound if DTS playback is selected.

Connecting to a TV (Continued)

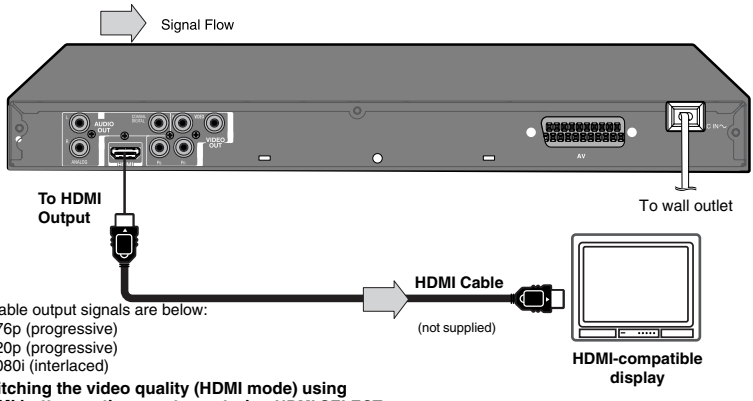
About HDMI

HDMI (High Definition Multimedia Interface) supports both video and audio on a single digital connection for use with DVD players, DTV, set-top boxes, and other AV devices. HDMI was developed to provide the technologies of High Bandwidth Digital Content Protection (HDCP) as well as Digital Visual Interface (DVI) in one specification. HDCP is used to protect digital content transmitted and received by DVI-compliant or HDMI-compliant displays.

HDMI has the capability to support standard, enhanced, or high-definition video plus standard to multi-channel surround-sound audio. HDMI features included uncompressed digital video, a bandwidth of up to 2.2 gigabytes per second (with HDTV) signals), one connector (instead of several cables and connectors), and communication between the AV source and AV devices such as DTVs.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.

Connecting to a display (Using a HDMI™ cable)



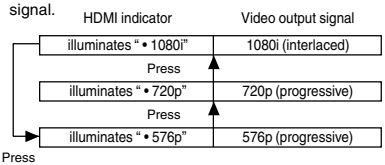
Available output signals are below:

- 576p (progressive)
- 720p (progressive)
- 1080i (interlaced)

■ **Switching the video quality (HDMI mode) using HDMI button on the remote control or HDMI SELECT button on the front panel.**

Press **HDMI** on the remote control or HDMI SELECT button on the front panel to receive a suitable video quality during STOP mode. The video quality is required to match your TV having HDMI feature and suitable quality. Please also check your TV owner's manual.

Press this button to change the output signals as below. See the HDMI indicator and select the appropriate output signal.



576p, 720p and 1080i are signals created with this DVD Player from original 480i/576i signal. The resolution of the picture may not be increased even if they are selected.

- Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM"	**33**
"Video Output"	HDMI	**32**

Content of the output for each output jack is shown in the following table and differ depending on user setting/operation:

On-Screen Display Setting		Content of output for each output jack			
"Video Output" Setting	HDMI Output Setting *	HDMI Output	Video Output	Component Output	AV Output
RGB	Invalid	-	Composite	-	RGB
Composite	Invalid	-	Composite	-	Composite
Component (Interlaced)	Invalid	-	Composite	576i	Composite
P-Scan (Progressive)	Invalid	-	Composite	576p	Composite
HDMI	576p	576p	Composite	576p	Composite
	720p	720p	-	-	-
	1080i	1080i	-	-	-

* Settings for HDMI output format are performed using the HDMI button on the remote control or HDMI SELECT button on the front panel.

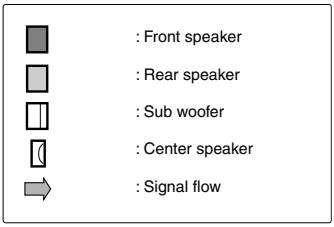
Notes

- Refer to the owner's manual of the connected TV as well.
- When you connect the DVD video player to your TV, be sure to turn off the power and unplug both units from the wall outlet before making any connections.
- If you have a HDMI (with HDCP) equipped monitor or display, you can connect it to this player using a HDMI cable.
- The HDMI connector outputs uncompressed digital video, as well as almost every kind of digital audio that the player is compatible with, including DVD-Video, Video CD/Super VCD, CD and MP3.
- This unit has been designed to be compliant with HDMI (High Definition Multimedia Interface) Version 1.1 depending on the component you have connected. Using a HDMI connection may result in unreliable signal transfers.
- When using HDMI cable, do not connect to other analogue video outputs.
- Because HDMI is an evolving technology, it is possible that some devices with an HDMI input may not operate properly with this DVD player.
- No sound will be output from the HDMI cable if the digital out is not set to PCM, see page 33.
- HDMI output is only available when the Video Output is set to "HDMI". Otherwise the HDMI button is invalid, see page 32.
- If the TV with HDMI doesn't support DTS output decoding, when playing DTS CD discs,there will be noise during HDMI output.

Connecting to Optional Equipment

You can enjoy high quality dynamic sounds by connecting the DVD video player to optional audio equipment.

- For connection to your TV, see “Connecting to a TV” (see pages 22~24).
- This section uses the following reference marks.



Notes

- DO NOT connect the COAXIAL DIGITAL AUDIO OUT jack of the DVD video player to the AC-3 RF input of a Dolby Digital Receiver. This input on your A/V Receiver is reserved for Laserdisc use only and is incompatible with the COAXIAL DIGITAL AUDIO OUT jack of the DVD video player.
- Connect the COAXIAL DIGITAL AUDIO OUT jack of the DVD video player to the “DIGITAL (COAXIAL)” input of a Receiver or Processor.
- Refer to the owner’s manual of the connected equipment as well.
- When you connect the DVD video player to other equipment, be sure to turn off the power and unplug all of the equipment from the wall outlet before making any connections.
- The output sound of the DVD video player has a wide dynamic range. Be sure to adjust the receiver’s volume to a moderate listening level. Otherwise, the speakers may be damaged by a sudden high volume sound.
- Turn off the amplifier before you connect or disconnect the DVD video player’s power cord. If you leave the amplifier power on, the speakers may be damaged.

Warning

- When you are connecting (via the COAXIAL DIGITAL AUDIO OUT jack) an AV decoder that does not have Dolby Digital, Digital Theater Systems (DTS) or MPEG2 decoding function, be sure to set “Digital Output” to “PCM” from the on-screen displays see page 33. Otherwise, high volume sound may damage your hearing as well as the speakers.
- When playing DTS-encoded discs (DVD Video discs and audio CDs), excessive noise may be output from the analog audio output jacks. To avoid possible damage to the audio system, you should take proper precautions when the analog audio output jacks of the DVD video player are connected to an amplification system. To enjoy DTS Digital Surround™ playback, an external 5.1 channel DTS Digital Surround™ decoder system must be connected to the COAXIAL DIGITAL AUDIO OUT jack of the DVD video player.

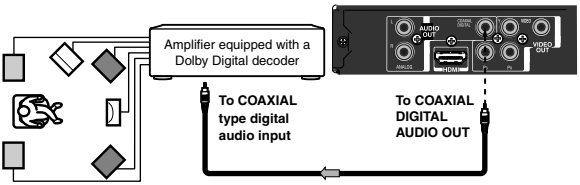
Connecting to an amplifier equipped with a Dolby® Digital decoder

Dolby Digital
Dolby Digital is the surround sound technology used in theaters showing the latest movies, and is now available to reproduce this realistic effect in the home. You can enjoy motion picture and live concert DVD video discs with this dynamic realistic sound by connecting the DVD video player to a 6 channel amplifier equipped with a Dolby Digital decoder or Dolby Digital processor. If you have a Dolby Surround Pro Logic decoder, you will obtain the full benefit of Pro Logic from the same DVD movies that provide full 5.1-channel Dolby Digital soundtracks, as well as from titles with the Dolby Surround mark.

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

- Use DVD video discs encoded via the Dolby Digital recording system.
- Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM" or "Bitstream"	**33**



75Ω coaxial cable (not supplied)

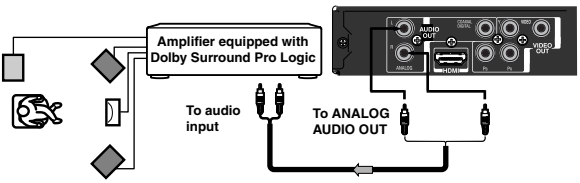
Connecting to an amplifier equipped with Dolby Surround Pro Logic

Dolby Surround Pro Logic
You can enjoy the dynamic realistic sound of Dolby Surround Pro Logic by connecting an amplifier and speaker system (right and left front speakers, a center speaker, and one or two rear speakers).

- With an amplifier equipped with Dolby Digital
  Connect the equipment the same way as described in "Connecting to an amplifier equipped with a Dolby® Digital decoder." Refer to that amplifier's owner's manual and set the amplifier so you can enjoy Dolby Surround Pro Logic sound.
- With an amplifier not equipped with Dolby Digital
  Connect the equipment as follows.

- Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM" or "Bitstream"	**33**



Audio cable (not supplied)

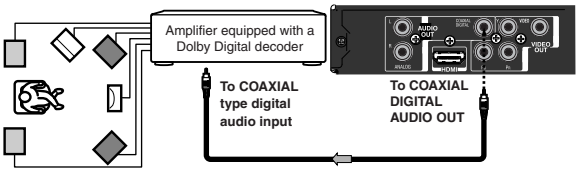
* Connect one or two rear speakers.
The output sound from the rear speakers will be monaural even if you connect two rear speakers.

Connecting to Optional Equipment (Continued)

Connecting to an amplifier equipped with a DTS® decoder

Digital Theater Systems (DTS)
DTS is a high quality surround technology used in theaters and now available for home use, on DVD video discs or audio CDs.
If you have a DTS decoder or processor, you can obtain the full benefit of 5.1 channel DTS encoded sound tracks on DVD video discs or audio CDs.

"DTS" and "DTS Digital Out" are registered trademarks of DTS, Inc.

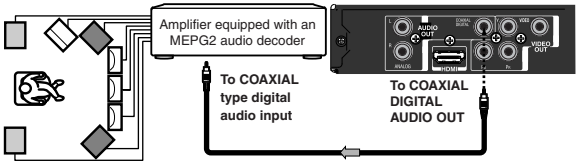

Amplifier equipped with a Dolby Digital decoder
To COAXIAL type digital audio input
To COAXIAL DIGITAL AUDIO OUT
75Ω coaxial cable (not supplied)

- Use DVD video discs or audio CDs encoded via the DTS recording system.
- Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"Bitstream"	33

Connecting to an amplifier equipped with an MPEG2 audio decoder

MPEG2 sound
You can enjoy motion picture and live concert DVD video discs with dynamic realistic sound by connecting an amplifier equipped with an MPEG2 audio decoder or MPEG2 audio processor.

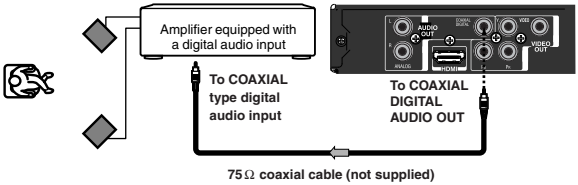

Amplifier equipped with an MEPG2 audio decoder
To COAXIAL type digital audio input
To COAXIAL DIGITAL AUDIO OUT
75Ω coaxial cable (not supplied)

- Use DVD video discs encoded via the MPEG2 recording system.
- Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM" or "Bitstream"	33

Connecting to an amplifier equipped with a digital audio input

2 channel digital stereo
You can enjoy the dynamic sound of 2 channel digital stereo by connecting an amplifier equipped with a digital audio input and speaker system (right and left front speakers).


Amplifier equipped with a digital audio input
To COAXIAL type digital audio input
To COAXIAL DIGITAL AUDIO OUT
75Ω coaxial cable (not supplied)

- Make the following setting.

On-screen display	Select:	Page
"Digital Output"	"PCM"	33

Customizing the Function Settings

Setting procedure (DVD VCD CD)

Setting procedure

Press the SETUP button to display the main menu on the screen. When the setup menu is shown, the playback will be automatically paused.

1. Press ▲/▼ button to select the desired setup, then press ► button.
2. Press ▲/▼ button to select the sub menu, then press ENTER.
3. Change the selection by ▲/▼ button, by referring to the corresponding pages, then press ENTER.
4. To select another option, press ◄ button to go back to step 1.
5. Press the SETUP button again to remove the setup menu from the screen.

About the screen saver

When you leave the unit in DVD stop mode for approximately 2 minutes, the screen saver of the DVD video player automatically appears. To turn off the screen saver, press the PLAY button.

Tray Lock

Press SETUP button, and then press the number button 2005 to lock the tray.

Note
After the tray is locked, "Tray Lock Is On" will appear on the screen when OPEN/CLOSE button is pressed.

To unlock the tray, just follow the same procedure as above.

Automatic Power Off function

If the DVD video player is stopped, or the screen saver is engaged for approximately 20 minutes, the DVD video player will automatically turn itself off.

Setting details

Language

OSD Menu (DVD VCD CD)

English:	To view on-screen displays in English.
Français:	To view on-screen displays in French.
Español:	To view on-screen displays in Spanish.
Deutsch:	To view on-screen displays in German.
Italiano:	To view on-screen displays in Italian.

Subtitle (DVD)

English:	To display subtitles in English.
French:	To display subtitles in French.
Spanish:	To display subtitles in Spanish.
German:	To display subtitles in German.
Italian:	To display subtitles in Italian.
Auto:	To display subtitles in different languages other than you selected.
Off:	To disable subtitles.

Notes

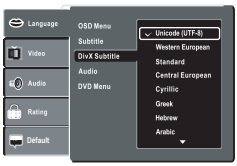
- Some DVD video discs may be set to display subtitles in a different language other than you selected. A prior subtitle language may be programmed on the disc.
- Some DVD video discs allow you to change subtitle selections only via the disc menu. If this is the case, press the MENU button and choose the appropriate subtitle language from the selection on the disc menu.

Setting details

DivX Subtitle

If your DivX® files include a subtitle file, then you may select a supported DivX® subtitle language by region:

Unicode (UTF-8):	Uniform byte's encode standard, adopt double byte to encode byte.
Western European:	Albanian, Breton, Catalan, Danish, Dutch, English, Faroese, Finnish, French, Gaelic,German, Icelandic, Irish, Italian, Norwegian, Portuguese, Spanish and Swedish
Standard:	Albanian, Danish, Dutch, English, Finnish, French, Gaelic, German, talian, Kurdish (Latin), Norwegian, Portuguese, Spanish, Swedish and Turkish
Central European:	Albanian, Croat, Czech, Dutch, English, German, Hungarian, Irish, Polish, Romanian, Slovak, Slovene and Serbian
Cyrillic:	Bulgarian, Belorussian, English, Macedonian, Moldavian, Russian, Serbian and Ukrainian
Greek:	English and modern Greek
Hebrew:	English and modern Hebrew
Arabic:	Arabic
Baltic:	Baltic
Vietnam:	Vietnamese
Chinese:	Chinese
Korean:	Korean



Notes

- If your DivX® files do not include the subtitle file, you cannot use this selection.
- Supported subtitle file formats: .srt, .sub, .txt, .smi, .ssa, .ass, .psb.

Audio (DVD)

English:	To play sound tracks in English.
French:	To play sound tracks in French.
Spanish:	To play sound tracks in Spanish.
German:	To play sound tracks in German.
Italian:	To play sound tracks in Italian.

Note

Some DVD video discs may not be played in a different language that you selected. A prior language may be programmed on the disc.

DVD Menu (DVD)

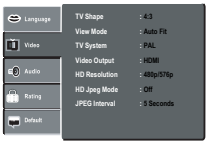
English:	To display DVD menus in English.
French:	To display DVD menus in French.
Spanish:	To display DVD menus in Spanish.
German:	To display DVD menus in German.
Italian:	To display DVD menus in Italian.

Note

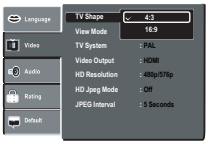
Some DVD video discs may not include your pre-selected language. In this case, the DVD video player automatically displays disc menus consistent with the disc's initial language setting.

Setting details

Video



TV Shape (DVD)



4:3

Select when a standard 4:3 TV is connected.
Displays pictures cropped to fill your TV screen.
Either or both sides of the picture are cut off.

16:9 Select when a 16:9 TV is connected

Notes

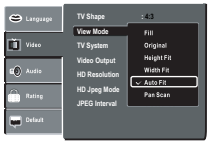
- The displayable picture size is preset on the DVD video disc.
  Therefore, the playback picture of some DVD video discs may not conform to the picture size you select.
- When you play DVD video discs recorded in the 4:3 picture size only, the playback picture always appears in the 4:3 picture size regardless of the TV shape setting. But, if Video Output is set to HDMI 720p/1080i, then picture will be 16:9 only.
- If you select “16:9 ” and you own a 4:3 TV set, the DVD playback picture will be horizontally distorted during playback. Images will appear to be horizontally compressed. Always be sure that your TV shape conforms to the actual TV in use.

View Mode (DVD) (VCD)

The user may select one of the following options:

Fill: Fill the screen with decoded image.
Original: Display image as its original size.
Height Fit: Fit the screen height with image height.
Width Fit: Fit the screen width with image width.

Auto Fit: Automatically fit the decoded image on screen without distortion.
Pan Scan: Automatically display decoded image on full screen without distortion.



Pan Scan

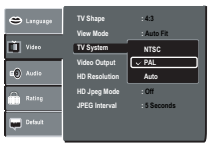
Select when a standard 4:3 is connected. Displays pictures cropped to fill your TV screen. Either or both sides of the picture are cut off.

Auto Fit

Automatically fit the decoded image on screen without distortion. Black bars will be present on top/bottom or left / right of screen.

Note
Depending on the DVD discs, you may not be able to view the mode as selected.

TV System (DVD) (VCD)

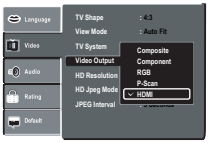


NTSC: Select if your TV system is NTSC.
PAL: Select if your TV system is PAL.
Auto: The DVD video player automatically idenfities PAL or NTSC video system of a disc. Connect a multisystem TV (PAL/NTSC) compatible) to view a picture.
A playback picture may be distorted when detected a signal change between PAL and NTSC on the disc.
For the case of Progressive mode, your multisystem TV must be able to support both 525p and 625p.

Customizing the Function Settings(continued)

Setting details

Video Output (DVD) (VCD) (CD)



Composite: Select if you connect the DVD to your TV via composite video (yellow) input.

Component: Select if you connect the DVD to your TV which has component video inputs.

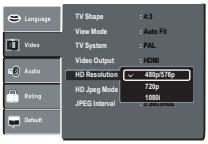
RGB: Select if you connect the DVD to your TV via SCART input.

P-Scan (Progressive): Select if you connect the DVD to your TV which has component video inputs that support progressive scan.
If your TV does not support progressive scan, distorted picture or blank screen will appear when " Yes " option is selected.
In this case, just wait for 15 seconds for auto recovery.

HDMI: High Definition Multimedia Interface
Select if you connect the DVD to TV via HDMI input.

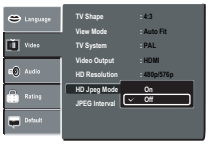
HD Resolution (DVD) (VCD)

The resolution of the picture quality can be changed to 480p/576p, 720p or 1080i.



Note
If the Video Output mode is not set to "HDMI", you cannot select the "HD Resolution".

HD Jpeg Mode (DVD) (VCD)

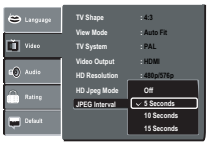


On: JPEG image is displayed in a suitable picture quality (480p/576p, 720p, 1080i).

Off: The picture quality is fixed to 576p.

Note
If the Video Output mode is not set to "HDMI", you cannot select the "HD Jpeg Mode".

JPEG Interval (DVD) (VCD)



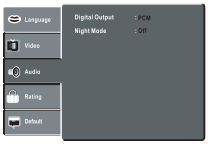
Off: Plays back one file at a time.

5 Seconds: Plays back images in the form of a slide show at 5 seconds interval.

10 Seconds: Plays back images in the form of a slide show at 10 seconds interval.

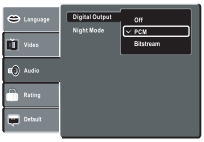
15 Seconds: Plays back images in the form of a slide show at 15 seconds interval.

Audio



Digital Output (DVD) (VCD) (CD)

Selects the output sound format corresponding to your system connection.



Off: No digital audio will be output.

PCM: Select when connected to a 2 channel digital stereo amplifier. The DVD video player outputs sound in the PCM 2 channel format when you play a DVD video disc recorded on the Dolby Digital, MPEG1 or MPEG2 recording system.

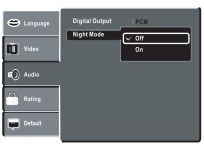
Bitstream: Disc audio bitstream data will be output.

Note

When you make a connection to a TV, Dolby Surround Pro Logic or stereo system via the analog audio jacks, select “PCM” or “Bitstream”.

Night Mode (DVD) (VCD) (CD)

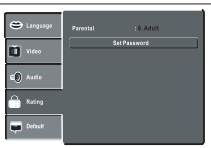
Night Mode is equivalent to Dynamic Range Compress. When it is On, it reduces the variation between loud and soft sounds in audio output. You can still hear softer sounds and dialogue even in very low volume.



Note

Night mode is Dynamic Range Control (DRC) option for analogue audio output.

Rating



Parental (DVD)

DVD discs equipped with the password function are rated according to their content.
The contents allowed by a parental lock level and the way a DVD disc can be controlled may vary from disc to disc.
For example, if the disc allowed, you could edit out violent scenes unsuitable for children and replace them with more suitable scenes, or you could lock out playback of the disc altogether.

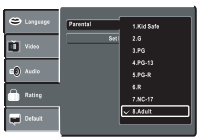
- DVD video discs may or may not respond to the parental lock settings. This is not a defect in the DVD video player. Make sure this function works with your DVD video discs.

1) Press SETUP button.
2) Press ▲ / ▼ button to select the Rating.
3) Press ► button,then the ENTER button to select the Parental.
   “Enter Password” screen will appear.

4) Press “8888” using number buttons. (Please note, this is pre-setting password of this unit.)
   Then press ENTER.
   Press ENTER again to list the parental level.

The parental lock level is equivalent to the following

Parentals:
Level 1:Kid Safe
Level 2:G
Level 3:PG
Level 4:PG-13
Level 5:PG-R
Level 6:R
Level 7:NC-17
Level 8:Adult



Customizing the Function Settings(continued)

Setting details

5) Press ▲/▼ to select the Parental from 1 to 8. Parental one (1) has the most restrictions while Parental eight(8) can virtually playback all DVD software.

6) Press OPEN/CLOSE button to activate the Parental Level setting.

If the DVD disc has been designed to temporarily cancel the Parental Level, the screen will change depending on which disc is played. If you select " YES " with the ENTER button, " Enter Password " screen will appear. Input the 4- digit password as you have set then followed by ENTER button and playback will start. If " NO " is selected, press the OPEN/CLOSE to remove the disc.

Notes

- If you input wrong password, press CLEAR button and re-enter your 4-digit password again
- You cannot play DVD discs rated higher than the level you selected unless you cancel the parental lock function.

Set Password (DVD)

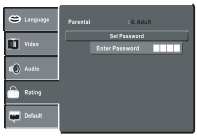
New Password can be set to replace the default password.

1) Press SETUP button.

2)Press ▲/▼ button to select the Rating.

3)Press ► button, then the ▲/▼ button to select Set Password.

4)Press ENTER button. "Enter Password" screen will appear.



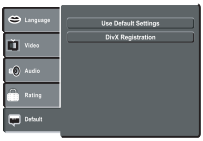
5) Press the number buttons to input the current password (If the password has not been set yet after you purchase this unit, it is "8888"). Then press ENTER.

6) Press ENTER button again, "Enter New Password" screen will appear. Press the number buttons to input the new password.

7) Press ENTER button. Now your new password has been set. Be sure to remember this number!

If you forget the password, you can erase your current password by pressing number button 8 on the remote control four times, then press ENTER button to confirm the setting.
PASSWORD: 8888

Default



Use Default Settings (DVD) (VCD) (CD)

If you want to return the initial language setting such as Language, Video, Audio and etc. to the factory default, select "Yes" from the following menu.

Note

When you reset the DVD video player to the factory default, the DVD video player will take 3-5 seconds to reset.

DivX Registration

Some DivX® Video-On-Demand files require registration code, please get the code of your DVD video player as follow:

Note

This registration code is for DivX® Video-On-Demand only. Do not apply this code for other applications or websites.

Table of Languages

Table of languages and their abbreviations

Abbreviation	Language
– – –	No alternate language
CHI (ZH)	Chinese
DUT (NL)	Dutch
ENG (EN)	English
FRE (FR)	French
GER (DE)	German
ITA (IT)	Italian
JPN (JA)	Japanese
KOR (KO)	Korean
MAY (MS)	Malay
SPA (ES)	Spanish
AA	Afar
AB	Abkhazian
AF	Afrikaans
AM	Amharic
AR	Arabic
AS	Assamese
AY	Aymara
AZ	Azerbaijani
BA	Bashkir
BE	Belorussian
BG	Bulgarian
BH	Bihari
BI	Bislama
BN	Bengali, Bangla
BO	Tibetan
BR	Breton
CA	Catalan
CO	Corsican
CS	Czech
CY	Welsh
DA	Danish
DZ	Bhutani
EL	Greek
EO	Esperanto
ET	Estonian
EU	Basque
FA	Persian
FI	Finnish
FJ	Fiji
FO	Faroese
FY	Frisian
GA	Irish
GD	Scottish Gaelic
GL	Galician

Abbreviation	Language
GN	Guarani
GU	Gujarati
HA	Hausa
HI	Hindi
HR	Croatian
HU	Hungarian
HY	Armenian
IA	Interlingua
IE	Interlingue
IK	Inupiak
IN	Indonesian
IS	Icelandic
IW	Hebrew
JI	Yiddish
JW	Javanese
KA	Georgian
KK	Kazakh
KL	Greenlandic
KM	Cambodian
KN	Kannada
KS	Kashmiri
KU	Kurdish
KY	Kirghiz
LA	Latin
LN	Lingala
LO	Laotian
LT	Lithuanian
LV	Latvian, Lettish
MG	Malagasy
MI	Maori
MK	Macedonian
ML	Malayalam
MN	Mongolian
MO	Moldavian
MR	Marathi
MT	Maltese
MY	Burmese
NA	Nauru
NE	Nepali
NO	Norwegian
OC	Occitan
OM	(Afan) Oromo
OR	Oriya
PA	Panjabi
PL	Polish
PS	Pashto, Pushto

Abbreviation	Language
PT	Portuguese
QU	Quechua
RM	Rhaeto-Romance
RN	Kirundi
RO	Rumanian
RU	Russian
RW	Kinyarwanda
SA	Sanskrit
SD	Sindhi
SG	Sango
SH	Serbo-Croatian
SI	Singhalese
SK	Slovak
SL	Slovenian
SM	Samoan
SN	Shona
SO	Somali
SQ	Albanian
SR	Serbian
SS	Siswati
ST	Sesotho
SU	Sundanese
SV	Swedish
SW	Swahili
TA	Tamil
TE	Telugu
TG	Tajik
TH	Thai
TI	Tigrinya
TK	Turkmen
TL	Tagalog
TN	Setswana
TO	Tongan
TR	Turkish
TS	Tsonga
TT	Tatar
TW	Twi
UK	Ukrainian
UR	Urdu
UZ	Uzbek
VI	Vietnamese
VO	Volapük
WO	Wolof
XH	Xhosa
YO	Yoruba
ZU	Zulu

Before Calling Service Personnel

Check the following guide for the possible cause of a problem contacting service.

Symptoms and correction

Symptom	Cause	Correction
No power.	• The power plug is disconnected.	• Connect the power plug securely into the wall outlet.
The DVD video player turned off by itself.	• The automatic power off function turned the unit off.	• Press the PLAY button.
No picture or abnormal color (pinkish, greenish, etc.).	• The TV is not set to receive DVD signal output.	• Select the appropriate video input mode on the TV so the picture from the DVD video player appears on the TV screen.
	• The video/HDMI cable is not connected securely.	• Connect the video/HDMI cable securely into the appropriate jacks.
	• Mismatch setting between TV and this unit.	• Select the correct Video Output setting.
	• Wrong connection.	• Check the connection.
	• PROGRESSIVE button is pressed on a TV equipped with component video input jacks but does not support progressive scan.	• Press PROGRESSIVE button repeatedly to turn off progressive mode.
No sound.	• The equipment connected with the audio cable is not set to receive DVD signal output.	• Select the correct input mode of the audio receiver so you can listen to the sound from the DVD video player.
	• The audio cable is not connected securely.	• Connect the audio cable securely into the appropriate jacks.
	• The audio receiver or TV is turned off.	• Turn on the equipment connected with the audio cable.
	• The setting of output sound format is incorrect.	• Select the proper audio setting.
The playback picture has occasional distortion.	• The disc is dirty.	• Remove the disc and clean it.
	• It is in fast forward or fast reverse playback.	• Sometimes a small amount of picture distortion may appear. This is not a malfunction.
Brightness is unstable or noises are present in the playback pictures.	• The effect of copy protection.	• Connect the DVD video player directly to the TV. Avoid connecting the DVD video player to a VCR or TV/VCR combination.

Symptom	Cause	Correction
The DVD video player does not start playback.	• No disc is inserted.	• Insert a disc.
	• An unplayable disc is inserted.	• Insert a playable disc. (Check the disc type and color system.)
	• The disc is placed upside down.	• Place the disc with the playback side down.
	• The disc is not placed within the guide.	• Place the disc correctly inside the guide on the disc tray.
	• The disc is dirty.	• Clean the disc.
	• The parental lock function is set.	• Cancel the parental lock function or change the parental lock level.
Playback does not follow the course of the disc's program.	• It is in the mode of repeat playback, memory playback, etc.	• These operations may prevent a proper progress of the contents.
Buttons do not work.	• Power supply fluctuations or other abnormalities such as static electricity may interrupt correct operations.	• Press and hold the ON/STANDBY button on the front panel for more than about 3 seconds. The DVD video player turns off. Press the button again to turn it on. If the buttons still do not work, disconnect the power plug and insert it into the wall outlet again
The remote control does not work properly.	• The remote control is not pointed at the remote sensor of the DVD video player.	• Point the remote control at the remote sensor of the DVD video player.
	• The remote control is too far from the DVD video player.	• Operate the remote control within about 7 m.
	• The batteries in the remote control are exhausted.	• Replace the batteries with new ones.
The logo and playing picture of DVD player become poor.	• Adjusted sharpness is too small or too large.	• Adjust Brightness or Sharpness to a certain level.
The DVD player tray does not open.	• Tray Lock mode has been enable.	• Disable the Tray Lock function.

Specifications

DVD Video player/outputs/supplied accessories

DVD Video player

Power supply	100V-240V AC ~ 50/60 Hz
Power consumption	10 W
Mass	SD-370EKB 1.70kg, SD-371EKF 1.63kg
External dimensions	431 x 40 x 199 mm (W/H/D)
Signal system	PAL/NTSC
Laser	Semiconductor laser, wavelength 650/780 nm
Frequency range	DVD linear sound: 48 kHz sampling 4 Hz to 22 kHz 96 kHz sampling 4 Hz to 44 kHz
Signal-to-noise ratio	More than 100 dB
Audio dynamic range	More than 93 dB
Harmonic distortion	Less than -70dB
Wow and flutter	Below measurable level (less than ±0.001 % (W.PEAK))
Operating conditions	Temperature: 5 °C to 35 °C, Operation status: Horizontal

Outputs

Video output (SCART with RGB)	1.0V (p-p), 75Ω, SCART socket x 1
Video output	1.0 V (p-p), 75 Ω, negati ve sync., pin jack x 1
Component video output	(Y) 1.0 V (p-p), 75 Ω, negative sync., pin jack x 1 (P_B)/(P_R) 0.7 V (p-p), 75Ω, pin jack x 2
Audio output (COAXIAL DIGITAL)	0.5V (p-p), 75Ω, pin jack x 1
Audio output (ANALOG)	2.0 V (rms), 680Ω, pin jacks (L, R) x 1
HDMI output	19 pin

Supplied Accessories

Audio/video cable 1
Remote control (SE-R0217) 1
Batteries (AAA) 2

- This model complies with the above specifications.
- Designs and specifications are subject to change without notice.
- This model may not be compatible with features and/or specifications that may be added in the future.

Following information is only for EU-member states:

The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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